AMENDMENTS TO CLAIMS

Please amend Claims 1-20 as follows:

1.   (Currently Amended) For use in a wireless network comprising a plurality of base stations, each of said base stations capable of communicating with a plurality of mobile stations, a security device <u>coupled by a wireline connection to said wireless network</u> capable of preventing an unprovisioned one of said plurality of mobile stations from accessing an Internet protocol (IP) data network through said wireless network, said security device comprising:

a first controller capable of receiving <u>an IP data packet transmitted by</u> ~~from~~ said unprovisioned mobile station<u>, said</u> ~~an~~ IP data packet comprising an IP packet header and an IP packet payload, determining from said IP data packet that said unprovisioned mobile station is unprovisioned and, in response to said determination, encrypting at least a portion of said IP packet payload to thereby generate an encrypted payload that may be decrypted only by a provisioning server of said wireless network.

2.   (Original) The security device set forth in Claim 1 wherein said first controller is disposed in at least one of said plurality of base stations.

3.   (Original) The security device set forth in Claim 1 wherein said first controller is disposed in at least one of a mobile switching center and an interworking function of said wireless network.

2

4.   (Original) The security device set forth in Claim 1 further comprising a second controller capable of determining that said unprovisioned mobile station is unprovisioned.

5.   (Previously Presented) The security device set forth in Claim 4 wherein said second controller determines that said unprovisioned mobile station is unprovisioned if said unprovisioned mobile station is unable to authenticate to said wireless network.

6.   (Previously Presented) The security device set forth in Claim 4 wherein said second controller determines that said unprovisioned mobile station is unprovisioned according to a predetermined telephone number associated with a service provisioning process selected by said unprovisioned mobile station.

7.   (Previously Presented) The security device set forth in Claim 4 wherein said second controller determines that said unprovisioned mobile station is unprovisioned according to data retrieved from a home location register associated with said wireless network.

8.   (Original) The security device set forth in Claim 1 wherein said first controller comprises a data processor capable of executing an encryption program stored in a memory associated with said data processor.

3

9. (Currently Amended) A wireless network comprising:

a plurality of base stations, each of said base stations capable of communicating with a plurality of mobile stations; and

a security device <u>coupled by a wireline connection to said wireless network</u> capable of preventing an unprovisioned one of said plurality of mobile stations from accessing an Internet protocol (IP) data network through said wireless network, said security device comprising:

a first controller capable of receiving <u>an IP data packet transmitted by</u> ~~from~~ said unprovisioned mobile station<u>, said</u> ~~an~~ IP data packet comprising an IP packet header and an IP packet payload, determining from said IP data packet that said unprovisioned mobile station is unprovisioned and, in response to said determination, encrypting at least a portion of said IP packet payload to thereby generate an encrypted payload that may be decrypted only by a provisioning server of said wireless network.

10. (Original) The wireless network set forth in Claim 9 wherein said first controller is disposed in at least one of said plurality of base stations.

11. (Original) The wireless network set forth in Claim 9 wherein said first controller is disposed in at least one of a mobile switching center and an interworking function of said wireless network.

12. (Original) The wireless network set forth in Claim 9 further comprising a second controller capable of determining that said unprovisioned mobile station is unprovisioned.

4

13.   (Previously Presented) The wireless network set forth in Claim 12 wherein said second controller determines that said unprovisioned mobile station is unprovisioned if said unprovisioned mobile station is unable to authenticate to said wireless network.

14.   (Previously Presented) The wireless network set forth in Claim 12 wherein said second controller determines that said unprovisioned mobile station is unprovisioned according to a predetermined telephone number associated with a service provisioning process selected by said unprovisioned mobile station.

15.   (Previously Presented) The wireless network set forth in Claim 12 wherein said second controller determines that said unprovisioned mobile station is unprovisioned according to data retrieved from a home location register associated with said wireless network.

16.   (Original) The wireless network set forth in Claim 9 wherein said first controller comprises a data processor capable of executing an encryption program stored in a memory associated with said data processor.

17.   (Currently Amended) For use in a wireless network comprising a plurality of base stations, each of the base stations capable of communicating with a plurality of mobile stations, a method of preventing an unprovisioned one of the plurality of mobile stations from accessing an Internet protocol (IP) data network through the wireless network, the method comprising the steps of:

receiving <u>an IP data packet transmitted by</u> ~~from~~ the unprovisioned mobile station <u>in a</u>

<u>security device coupled by a wireline connection to the wireless network, the</u> ~~an~~ IP data packet

comprising an IP packet header and an IP packet payload;

determining that the unprovisioned mobile station is unprovisioned; and

encrypting at least a portion of the IP packet payload to thereby generate an encrypted

payload that may be decrypted only by a provisioning server of said wireless network.

18. (Original) The method set forth in Claim 17 wherein the step of determining

comprises the step of determining that the unprovisioned mobile station is unable to authenticate

to the wireless network.

19. (Original) The method set forth in Claim 17 wherein the step of determining

comprises the step of determining that the unprovisioned mobile station selected a predetermined

telephone number associated with a service provisioning process.

20. (Original) The method set forth in Claim 17 wherein the step of determining that

the unprovisioned mobile station is unprovisioned comprises the step of examining data retrieved

from a home location register associated with the wireless network.